

APR 09 2004

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FROM: Winston Hsu, PATENT AGENT, REG. NO. : 41,526

SERIAL NO.: 10/604,292

ATTORNEY DOCKET NO.: HTCP0009USA

SUBJECT: INFORMATION DISCLOSURE STATEMENT

TOTAL PAGES: 12 PAGES (INCLUDING COVER PAGE)

Winston Hsu 2004/04/09

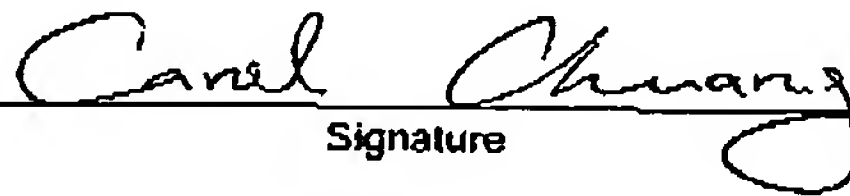
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APPLICATION NUMBER: 10/604,292

PAPERS INCLUDED:

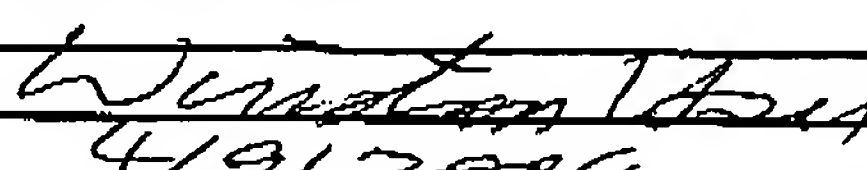
(1) Transmittal Form	1 PAGE
(2) Fee Transmittal	1 PAGE
(3) Information Disclosure Statement	8 PAGES

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/604,292	
	Filing Date	07/09/2003	
	First Named Inventor	JUNG-YUAN TSAI	
	Art Unit	2857	
	Examiner Name		
Total Number of Pages in This Submission	10	Attorney Docket Number	HTCP0009USA

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Winston Hsu, Reg. No.: 41,526	
Signature		
Date	4/9/2004	

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
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Signature		Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

Application Number 10/604,292
Filing Date 07/09/2003
First Named Inventor JUNG-YUAN TSAI
Examiner Name
Art Unit 2857
Attorney Docket No. HTCP0009USA

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

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Deposit Account Name North America International Patent Office

The Director is authorized to: (check all that apply)

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☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

SUBMITTED BY

Name (Print/Type) Winston Hsu Registration No. 41,526 Telephone 886289237350
Signature *Winston Hsu* Date 4/9/2004

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APR 09 2004

Cite No. 1
OFFICIALPATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

5 Applicants: Jung-Yuan Tsai,
Wan-Ting Tsai

Filing Date: 07/09/2003

Art Unit: 2857

Application No.: 10/604,292

Docket No.: HTCP0009USA

10

Title: AUTOMATICALLY TURNING ON A PORTABLE DEVICE BY
DETECTING A BATTERY CONDITION

15 To: Commissioner of Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

Subject: Information disclosure statement Under 37C.F.R. §1.56.

20

Dear Sir:

25 This is an Information Disclosure Statement in accordance with the duty to
disclose information material to patentability under 37 C.F.R. §1.56. The applicants
wish to make of record each of the documents listed on the accompanying form
PTO/SB/08. It is respectfully requested that the Examiner initials each of the cited
references on the form and that it be made of record in the application and that a copy
of the initialed form be sent to the applicants with the next communication from the
Examiner.

30

Since the IDS is filed before the mailing date of a first Office action on the merits,
consideration of the information disclosure statement is hereby requested according to

37C.F.R. §1.97(b). The prior art patent contained in the information disclosure statement was cited in communications from the Taiwan Intellectual Property Office on Feb. 17, 2004. Applicants sincerely hope that the Examiner can consider each of the items contained in the information disclosure statement.

5

According to the requirement set forth in 37C.F.R. §1.98 and M.P.E.P. 609, applicants are submitting copies of the cited reference (Taiwan Patent No. 388555) and a concise explanation of the relevance in this application hereinafter.

10 The purpose of TP No. 388555 is to automatically store data and then shut off the power of the device for protecting the device and data after detecting that the battery cover is removed from the battery compartment. In view of Fig. 1, the battery cover 16 is latched on the housing 12. In this state, the battery cover 16 presses the spring contact 22 of the sensor 18; that is, the end 24 of the spring contact 22 pushes the
15 conductive rubber 26 forward to contact the circuit 28. Therefore, the control module 20 can detect whether the battery cover 16 is properly latched to the housing 12. In view of Fig. 2, the battery cover 26 is removed from the battery compartment 14. Therefore, the conductive rubber 26 no longer contacts the circuit 28. In this case, the control module 20 automatically stores data of the device 10 and then shuts off the
20 device to avoid losing the data. Fig. 3 is another embodiment of the sensor 18. It differs from Figs. 1 and 2 only in the physical structure of the sensor 18. However it is implemented for the same purpose as Figs. 1 and 2.

Claim 1 of the present invention is repeated below.

25

1. A portable device comprising:

- a housing for accommodating a detachable battery, the detachable battery providing main power for operations of the portable device;
- a sensor installed in the housing for detecting conditions of the
30 detachable battery;
- an operating processor for controlling operations of the portable device; and

5 a starting module electrically connected to the sensor for outputting a turn-on signal to the operating processor so as to automatically turn on the portable device after the sensor detects the detachable battery being correctly installed in the housing.

10 Compared with TP No. 388555, the portable device disclosed in claim 1 comprises a starting module electrically connected to the sensor for outputting a turn-on signal to the operating processor so as to automatically turn on the portable device after the sensor detects the detachable battery being correctly installed in the housing. However, the starting module is not disclosed in TP No. 388555. In TP No. 388555, it only teaches that the control module automatically saves unsaved data of the device before the device is turned off after the sensor detects that the battery cover is removed from the battery compartment. This is therefore believed that the portable device of claim 1 of the present invention is substantially different from the teaching disclosed in TP No. 388555.

Claims 12 of the present invention is repeated below.

- 20 12. A portable device that can be automatically turned on by detecting conditions of a battery, which is detachably installed in the portable device for providing main power for operations of the portable device, the portable device comprising:
- 25 a housing for accommodating the battery, the housing comprising a battery vessel and a battery cover plate, wherein the battery cover plate is detachably joined with the battery vessel for conveniently replacing the battery installed in the battery vessel;
- 30 a sensor installed in the housing for detecting conditions of the battery cover plate and the battery to determine if the battery is correctly installed the battery vessel and the battery cover plate is correctly joined with the battery vessel;
- an operating processor for controlling operations of the portable


device; and

5 a starting module electrically connected to the sensor for
outputting a turn-on signal to the operating processor to
automatically turn on the portable device after the battery is
correctly installed in the battery vessel and the battery
cover plate is correctly joined with the battery vessel.

10 Claim 12 of the present invention is another device claim similar to claim 1 of
the present invention. The starting module of claims 12 is not taught in TP No. 388555,
either.

15 Since the prior art patent TP No. 388555 is substantially different from the claim 1
and claim 12 of the present application, and all other claims are dependent on either
claim 1 or claim 12, the cited art fails to read on any of the claims of the present
application.

Respectfully Submitted,

20  Date: 4/9/2004
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25 (Please contact me by e-mail if you need a telephone
communication and I will return your call promptly.)